



# SAFETY DATA SHEET

## SIKABOND 5500 S 18KG

SikaBond® 5500 S is a solvent based rigid adhesive for bonding wood block parquet and engineered boards onto porous substrates.

Buy SIKABOND 5500 S 18KG at

<https://www.spcsupplies.com/products/sikabond-5500-s-18kg/>

### SIKA - SPC SUPPLIES

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[Sika Concrete Repair Products and Concrete Protection Products:](https://www.spcsupplies.com/shop/concrete-repair-and-protection/)

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Partner Links:

[SD Sealants](https://www.sdsealants.co.uk/) - <https://www.sdsealants.co.uk/>

[Bettamix Concrete Manchester](http://www.bettamixconcretemanchester.co.uk) - <http://www.bettamixconcretemanchester.co.uk>

[Concrete Chemical Admixtures](http://www.concretechemicaladmixtures.com) - <http://www.concretechemicaladmixtures.com>

## **SECTION 1: Identification of the substance/mixture and of the company/undertaking**

### **1.1 Product identifier**

Trade name : SikaBond-5500S

### **1.2 Relevant identified uses of the substance or mixture and uses advised against**

At present there is no complete information available on identified uses. When the data becomes available, it will be integrated into the safety data sheet.

### **1.3 Details of the supplier of the safety data sheet**

Company : Everbuild Building products LTD  
Site 41, Knowsthorpe Way  
Cross Green Industrial Estate  
Leeds  
LS9 OSW  
UK

Telephone : 0113 240 3456

E-mail address : sds@everbuild.co.uk

### **1.4 Emergency telephone number**

Emergency telephone number : 0044 113 240 3456 (office hours only)

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## **SECTION 2: Hazards identification**

### **2.1 Classification of the substance or mixture**

Type of product : Mixture

#### **Classification (REGULATION (EC) No 1272/2008)**

Flammable liquids, Category 2	H225: Highly flammable liquid and vapour.
Eye irritation, Category 2	H319: Causes serious eye irritation.
Skin sensitisation, Category 1	H317: May cause an allergic skin reaction.
Specific target organ toxicity - single exposure, Category 3, Central nervous system	H336: May cause drowsiness or dizziness.



#### **Classification (67/548/EEC, 1999/45/EC)**

Highly flammable	R11: Highly flammable.
Sensitising	R43: May cause sensitisation by skin contact.
Irritant	R36: Irritating to eyes.

R67: Vapours may cause drowsiness and dizziness.

## 2.2 Label elements

### Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms	:	 
Signal word	:	Danger
Hazard statements	:	H225 Highly flammable liquid and vapour. H317 May cause an allergic skin reaction. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness.
Precautionary statements	:	P101 If medical advice is needed, have product container or label at hand. P102 Keep out of reach of children. <b>Prevention:</b> P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking. P271 Use only outdoors or in a well-ventilated area. P280 Wear protective gloves/ protective clothing/ eye protection/ face protection. <b>Response:</b> P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish. <b>Disposal:</b> P501 Dispose of contents/container in accordance with local regulation.

Hazardous components which must be listed on the label:

- 200-662-2 acetone
- 232-475-7 rosin

## 2.3 Other hazards

This mixture contains no substance considered to be persistent, bioaccumulating and toxic (PBT). This mixture contains no substance considered to be very persistent and very bioaccumulating (vPvB).

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

#### Hazardous components

Chemical Name	Classification	Classification	Concentration
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CAS-No. EC-No. Registration number	(67/548/EEC)	(REGULATION (EC) No 1272/2008)	[%]
acetone 67-64-1 200-662-2 01-2119471330-49-XXXX	F; R11 Xi; R36 R66 R67	Flam. Liq.2; H225 Eye Irrit.2; H319 STOT SE3; H336	>= 10 - < 15
ethyl acetate 141-78-6 205-500-4 01-2119475103-46-XXXX	F; R11 Xi; R36 R66 R67	Flam. Liq.2; H225 Eye Irrit.2; H319 STOT SE3; H336	>= 5 - < 10
rosin 8050-09-7 232-475-7 01-2119480418-32-XXXX	R43	Skin Sens.1; H317	>= 2,5 - < 5
isopropanol 67-63-0 200-661-7 01-2119457558-25-XXXX	F; R11 Xi; R36 R67	Flam. Liq.2; H225 Eye Irrit.2; H319 STOT SE3; H336	>= 2,5 - < 3

Remarks : Substances with a workplace exposure limit

For the full text of the R-phrases mentioned in this Section, see Section 16.

For the full text of the H-Statements mentioned in this Section, see Section 16.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

- General advice : Move out of dangerous area.  
Consult a physician.  
Show this safety data sheet to the doctor in attendance.
- If inhaled : Move to fresh air.  
Consult a physician after significant exposure.
- In case of skin contact : Take off contaminated clothing and shoes immediately.  
Wash off with soap and plenty of water.  
If symptoms persist, call a physician.
- In case of eye contact : Immediately flush eye(s) with plenty of water.  
Remove contact lenses.  
Keep eye wide open while rinsing.  
If eye irritation persists, consult a specialist.
- If swallowed : Do not induce vomiting without medical advice.  
Rinse mouth with water.  
Do not give milk or alcoholic beverages.  
Never give anything by mouth to an unconscious person.

### 4.2 Most important symptoms and effects, both acute and delayed

- Symptoms : Allergic reactions  
Excessive lachrymation  
Loss of balance  
Vertigo  
See Section 11 for more detailed information on health effects and symptoms.
- Risks : irritant effects  
sensitising effects

#### 4.3 Indication of any immediate medical attention and special treatment needed

- Treatment : Treat symptomatically.

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### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

- Suitable extinguishing media : Alcohol-resistant foam, Carbon dioxide (CO<sub>2</sub>), Dry chemical
- Unsuitable extinguishing media : Water, High volume water jet

#### 5.2 Special hazards arising from the substance or mixture

- Specific hazards during fire-fighting : Do not use a solid water stream as it may scatter and spread fire.
- Hazardous combustion products : No hazardous combustion products are known

#### 5.3 Advice for firefighters

- Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.
- Further information : Use water spray to cool unopened containers.

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### SECTION 6: Accidental release measures

#### 6.1 Personal precautions, protective equipment and emergency procedures

- Personal precautions : Use personal protective equipment.  
Remove all sources of ignition.  
Deny access to unprotected persons.

Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.

#### 6.2 Environmental precautions

- Environmental precautions : Prevent product from entering drains.

If the product contaminates rivers and lakes or drains inform respective authorities.

### 6.3 Methods and materials for containment and cleaning up

Methods for cleaning up : Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

### 6.4 Reference to other sections

For personal protection see section 8.

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## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Advice on safe handling : Do not breathe vapours or spray mist. Avoid exceeding the given occupational exposure limits (see section 8). Do not get in eyes, on skin, or on clothing. For personal protection see section 8. Persons with a history of skin sensitisation problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used. Smoking, eating and drinking should be prohibited in the application area. Take precautionary measures against static discharge. Open drum carefully as content may be under pressure. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours). Follow standard hygiene measures when handling chemical products

Advice on protection against fire and explosion : Use explosion-proof equipment. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Take precautionary measures against electrostatic discharges.

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink. When using do not smoke. Wash hands before breaks and at the end of workday.

### 7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : Store in cool place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Store in accordance with local regulations.

Other data : No decomposition if stored and applied as directed.

### 7.3 Specific end use(s)

Specific use(s) : No data available

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exposure levels, the hazards of the product and the safe working limits of the selected respirator.  
organic vapor filter (Type A)  
A1: < 1000 ppm; A2: < 5000 ppm; A3: < 10000 ppm  
Ensure adequate ventilation. This can be achieved by local exhaust extraction or by general ventilation. (EN 689 - Methods for determining inhalation exposure). This applies in particular to the mixing / stirring area. In case this is not sufficient to keep the concentrations under the occupational exposure limits then respiration protection measures must be used.

#### **Environmental exposure controls**

General advice : Prevent product from entering drains.  
If the product contaminates rivers and lakes or drains inform respective authorities.

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### **SECTION 9: Physical and chemical properties**

#### **9.1 Information on basic physical and chemical properties**

Appearance	: liquid
Colour	: beige
Odour	: characteristic
Odour Threshold	: No data available
Flash point	: -19 °C
Autoignition temperature	: 243 °C
Lower explosion limit	: 2 %(V)
Upper explosion limit	: 11,5 %(V)
Flammability (solid, gas)	: No data available
Oxidizing properties	: No data available
Auto-ignition temperature	: No data available
pH	: No data available
Melting point/range / Freezing point	: No data available
Boiling point/boiling range	: 55 °C
Vapour pressure	: 99,9915 hPa
Density	: 1,48 g/cm3



at 20 °C

Water solubility	:	Note: insoluble
Partition coefficient: n-octanol/water	:	No data available
Viscosity, dynamic	:	No data available
Viscosity, kinematic	:	> 7 mm <sup>2</sup> /s at 40 °C
Relative vapour density	:	No data available
Evaporation rate	:	No data available

**9.2 Other information**  
No data available

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**SECTION 10: Stability and reactivity**

**10.1 Reactivity**

No dangerous reaction known under conditions of normal use.

**10.2 Chemical stability**

The product is chemically stable.

**10.3 Possibility of hazardous reactions**

Hazardous reactions : Stable under recommended storage conditions.  
Vapours may form explosive mixture with air.

**10.4 Conditions to avoid**

Conditions to avoid : Heat, flames and sparks.

**10.5 Incompatible materials**

Materials to avoid : No data available

**10.6 Hazardous decomposition products**

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**SECTION 11: Toxicological information**

**11.1 Information on toxicological effects**

**Acute toxicity**

**Components:**

**acetone:**

Acute oral toxicity	:	LD50 Oral (Rat): 5.800 mg/kg
Acute inhalation toxicity	:	LC50 (Rat): 76 mg/l



Exposure time: 4 h  
Acute dermal toxicity : LD50 Dermal (Rabbit): 20.000 mg/kg

**ethyl acetate:**

Acute oral toxicity : LD50 Oral (Rat): > 5.000 mg/kg  
Acute dermal toxicity : LD50 Dermal (Rabbit): > 5.000 mg/kg

**Skin corrosion/irritation**

**Product:**

Remarks: No data available

**Serious eye damage/eye irritation**

**Product:**

Remarks: Causes serious eye irritation.

**Respiratory or skin sensitisation**

**Product:**

Remarks: May cause an allergic skin reaction.

**Germ cell mutagenicity**

**Product:**

Germ cell mutagenicity- Assessment : No data available

**Carcinogenicity**

**Product:**

Carcinogenicity - Assessment : No data available

**Reproductive toxicity**

**Product:**

Reproductive toxicity - Assessment : No data available

No data available

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**SECTION 12: Ecological information**

**12.1 Toxicity**

**Components:**

**acetone :**

Toxicity to fish	: LC50: > 5.000 mg/l, 96 h, Fish
Toxicity to daphnia and other aquatic invertebrates	: EC50: 12,700 mg/l, 48 h, Daphnia (water flea)
Toxicity to algae	: ErC50: > 530 mg/l, 96 h, Pseudokirchneriella subcapitata (green algae)

**12.2 Persistence and degradability**

No data available

**12.3 Bioaccumulative potential**

No data available

**12.4 Mobility in soil**

No data available

**12.5 Results of PBT and vPvB assessment**

**Product:**

Assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

**12.6 Other adverse effects**

No data available

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**SECTION 13: Disposal considerations**

**13.1 Waste treatment methods**

Product	: The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.
European Waste Catalogue	: 08 04 09* waste adhesives and sealants containing organic solvents or other dangerous substances
Contaminated packaging	: 15 01 10* packaging containing residues of or contaminated by dangerous substances

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## SECTION 14: Transport information

### ADR

**14.1 UN number** : 1133  
**14.2 Description of the goods** : ADHESIVES  
**14.3 Class** : 3  
**14.4 Packing group** : II  
Classification Code : F1  
Labels : 3  
Tunnel restriction code : (D/E)  
**14.5 Environmentally hazardous** : no

### IATA

**14.1 UN number** : 1133  
**14.2 Description of the goods** : Adhesives  
**14.3 Class** : 3  
**14.4 Packing group** : II  
Labels : 3  
**14.5 Environmentally hazardous** : no

### IMDG

**14.1 UN number** : 1133  
**14.2 Description of the goods** : ADHESIVES  
**14.3 Class** : 3  
**14.4 Packing group** : II  
Labels : 3  
EmS Number 1 : F-E  
EmS Number 2 : S-D  
**14.5 Marine pollutant** : no

### 14.6 Special precautions for user

No data available

### 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

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## SECTION 15: Regulatory information

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

#### Labelling according to EC Directives (1999/45/EC)

Hazard pictograms :



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according to Regulation (EC) No. 1907/2006

## SikaBond-5500S

Revision Date 30.03.2015

Version 2.0



Print Date 30.03.2015

Highly flammable	Irritant		
R-phrases(s)		: R11 R36 R43 R67	Highly flammable. Irritating to eyes. May cause sensitisation by skin contact. Vapours may cause drowsiness and dizziness.
S-phrases(s)		: S 2 S24 S37 S46	Keep out of the reach of children. Avoid contact with skin. Wear suitable gloves. If swallowed, seek medical advice immediately and show this container or label.

Hazardous components which must be listed on the label:

- 232-475-7 rosin

### Prohibition/Restriction

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles (Annex XVII) : Not applicable

REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59). : None of the components are listed (=> 0.1 %).

REACH - List of substances subject to authorisation (Annex XIV) : Not applicable

REACH Information: All substances contained in our Products are  
- preregistered or registered by our upstream suppliers, and/or  
- preregistered or registered by us, and/or  
- excluded from the regulation, and/or  
- exempted from the registration.

VOC-CH (VOCV) : 22 %

VOC-EU (solvent) : 22 %

If other regulatory information applies that is not already provided elsewhere in the Safety Data Sheet, then it is described in this subsection.

Health, safety and environmental regulation/legislation specific for the substance or mixture: : The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002  
Control of Substances Hazardous to Health Regulations 2002  
The Management of Health and Safety at Work Regulations 1999  
Health and Safety at Work Act 1974  
Environmental Protection Act 1990 & Subsidiary Regulations

## 15.2 Chemical Safety Assessment

This product contains substances for which Chemical Safety Assessments are still required.

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## SECTION 16: Other information

### Full text of R-Phrases

R11	Highly flammable.
R36	Irritating to eyes.
R43	May cause sensitisation by skin contact.
R66	Repeated exposure may cause skin dryness or cracking.
R67	Vapours may cause drowsiness and dizziness.

### Full text of H-Statements

H225	Highly flammable liquid and vapour.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.